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Kelly BT, Williams RJ, Cordasco FA, Backus SI, Otis JC, Weiland DE, Altchek DW, Craig EV, Wickiewicz TL, Warren RF. Differential patterns of muscle activation in patients with symptomatic and asymptomatic rotator cuff tears. 2005;14:165-71
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Labriola JE, Lee TQ, Debski RE, McMahon PJ. Stability

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Lee TQ (*see* Labriola et al). 2005;14:32S-38S
Lee TQ (*see* Mihata et al). 2005;14:19S-23S
Lee TQ (*see* Panossian et al). 2005;14:529-34
Lee TQ (*see* Schneider et al). 2005;14:318-23
Lee TQ (*see* Yu et al). 2005;14:65S-71S
Lee Y-S (*see* Yu et al). 2005;14:65S-71S
Leeks N (*see* Ledger et al). 2005;14:349-54
Lehner B (*see* Loew et al). 2005;14:16-21
Lemaire R (*see* Popovic et al). 2005;14:433-40
Levine WN (*see* Ahmad et al). 2005;14:12S-18S
Levine WN (*see* Sugalski et al). 2005;14:91-5
Levy O (*see* Sforza and Levy). 2005;14:336-7 (Case rep.)
Levy O (*see* Thomas et al). 2005;14:186-92
Lewis JS, Green A, Wright C. Subacromial impingement syndrome: the role of posture and muscle imbalance. 2005;14:385-92
Lim CT (*see* Rhee et al). 2005;14:355-60
Limb D, McMurray D. Dislocation of the glenoid fossa. 2005;14:338-9 (Case rep.)
Lindenfeld TN (*see* Bey et al). 2005;14:201-6
Lindner NJ (*see* Marquardt et al). 2005;14:447-9 (Case rep.)
Lo C-y, Chang Y-p. Neglected elbow dislocation in a young man: treatment by open reduction and elbow fixator. 2005;14:231 (Reply)
Loew M, Heichel TO, Lehner B. Intraarticular lesions in primary frozen shoulder after manipulation under general anesthesia. 2005;14:16-21
Lynn SE (*see* Cloke et al). 2005;14:380-4

M

Maciejewski M (*see* Mell et al). 2005;14:58S-64S
MacKie A (*see* Vrettos et al). 2005;14:425-8
Mahar AT, Tucker BS, Upasani VV, Oka RS, Pedowitz RA. Increasing the insertion depth of suture anchors for rotator cuff repair does not improve biomechanical stability. 2005;14:626-30
Major NM (*see* Coonrad et al). 2005;14:312-17
Mansat M (*see* Mansat et al). 2005;14:114-20
Mansat P, Huser L, Mansat M, Bellumore Y, Rongières M, Bonnevialle P. Shoulder arthroplasty for atraumatic avascular necrosis of the humeral head: nineteen shoulders followed up for a mean of seven years. 2005;14:114-20
Marquardt B, Gebert C, Gosheger G, Steinbeck J, Lindner NJ. Percutaneous radiofrequency ablation of an osteoid osteoma of the scapula: a case report. 2005;14:447-9 (Case rep.)
Masiole C (*see* Checchia et al). 2005;14:138-44
Masmejean E (*see* Chantelot et al). 2005;14:450-3 (Case rep.)
Masters GW (*see* McAdams et al). 2005;14:298-301
Mathews PV, Glousman RE. Accuracy of subacromial injection: anterolateral versus posterior approach. 2005;14:145-8
Matsen FA III (*see* Buckingham et al). 2005;14:368-74
Matsen FA III (*see* Parsons et al). 2005;14:575-84
Mazzer N (*see* Junior et al). 2005;14:96-102
McAdams TR, Masters GW, Srivastava S. The effect of arthroscopic sectioning of the lateral ligament complex of the elbow on posterolateral rotatory stability. 2005;14:298-301
McCully SP, Kumar N, Lazarus MD, Karduna AR. Internal and external rotation of the shoulder: effects of plane, end-range determination, and scapular motion. 2005;14:602-10
McGarry MH (*see* Fitzpatrick et al). 2005;14:49S-57S
McGarry MH (*see* Mihata et al). 2005;14:19S-23S
McGarry MH (*see* Panossian et al). 2005;14:529-34
McGarry MH (*see* Schneider et al). 2005;14:318-23
McGarry MH (*see* Yu et al). 2005;14:65S-71S
McHugh MP (*see* Tyler et al). 2005;14:569-73
McIlhenny SE (*see* Perry et al). 2005;14:79S-83S
McKee MD, Hirji R, Schemitsch EH, Wild LM, Waddell JP. Patient-oriented functional outcome after repair of distal biceps tendon ruptures using a single-incision technique. 2005;14:302-6
McMahon PJ (*see* Debski et al). 2005;14:24S-31S
McMahon PJ (*see* Labriola et al). 2005;14:32S-38S
McMurray D (*see* Limb and McMurray). 2005;14:338-9 (Case rep.)
Mechrefe AP (*see* Bluman et al). 2005;14:227-30 (Case rep.)
Meehan RE, Petersen SA. Results and factors affecting outcome of revision surgery for shoulder instability. 2005;14:31-7
Mell AG, LaScalza S, Guffey P, Ray J, Maciejewski M, Carpenter JE, Hughes RE. Effect of rotator cuff pathology on shoulder rhythm. 2005;14:58S-64S
Migaud H (*see* Chantelot et al). 2005;14:450-3 (Case rep.)
Mihata T, McGarry MH, Tibone JE, Abe M, Lee TQ. Type II SLAP lesions: a new scoring system—the sulcus score. 2005;14:19S-23S
Mihata T (*see* Panossian et al). 2005;14:529-34
Mikami Y (*see* Takubo et al). 2005;14:511-15
Miller BS, Joseph TA, Noonan TJ, Horan MP, Hawkins RJ. Rupture of the subscapularis tendon after shoulder arthroplasty: diagnosis, treatment, and outcome. 2005;14:492-6
Minagawa H (*see* Tuoheti et al). 2005;14:11-15
Minagawa H (*see* Tuoheti et al). 2005;14:535-41

Mirzayan R (*see* Itamura et al). 2005;14:421-4
Misamore GW, Sallay PI, Didelot W. A longitudinal study of patients with multidirectional instability of the shoulder with seven- to ten-year follow-up. 2005;14:466-70
Miyakoshi N (*see* Ishikawa et al). 2005;14:329-32 (Case rep.)
Miyamoto T (*see* Kazuki et al). 2005;14:224-6 (Case rep.)
Miyazaki AN (*see* Checchia et al). 2005;14:138-44
Mochizuki Y, Natsu K, Kashiwagi K, Yasunaga Y, Ochi M. Changes of the mineralization pattern in the subchondral plate of the glenoid cavity in the shoulder joints of the throwing athletes. 2005;14:616-19
Mohanty K, Kelly C, Roberts P. Transient brachial plexus block after shoulder manipulation: a case report. 2005;14:216-17 (Case rep.)
Mok D (*see* Lam and Mok). 2005;14:657 (Reply)
Moore SM (*see* Debski et al). 2005;14:24S-31S
Morito Y (*see* Imatani et al). 2005;14:611-15
Moriya H (*see* Sano et al). 2005;14:307-11
Morrey BF, An K-N. Stability of the elbow: osseous constraints. 2005;14:174S-178S
Morrey BF (*see* Sanchez-Sotelo et al). 2005;14:60-4
Morrey BF (*see* Sekiya et al). 2005;14:429-32
Morrey BF (*see* van Riet et al). 2005;14:519-23
Morrison DS (*see* Hoellrich et al). 2005;14:269-72
Murakami K (*see* Blaine et al). 2005;14:84S-89S
Murakami N (*see* Hata et al). 2005;14:631-5
Murray DH (*see* Youm et al). 2005;14:455-9

N

Nahow RC (*see* Tyler et al). 2005;14:570-4
Nakao Y (*see* Ito et al). 2005;14:247-51
Nakatani T, Sawamura S, Imaizumi Y, Sakurai A, Fujioka H, Tomioka M, Kurosaka M, Yoshiya S. Isolated fracture of the trochlea: a case report. 2005;14:340-2 (Case rep.)
Nakatsuchi T (*see* Ito et al). 2005;14:247-51
Naniwa T (*see* Ogawa et al). 2005;14:591-8
Natsu K (*see* Mochizuki et al). 2005;14:616
Neale PG (*see* Sekiya et al). 2005;14:429-32
Nemoz C (*see* Szabo et al). 2005;14:636-42
Nepola JV (*see* Wolf et al). 2005;14:149-56
Neumann L (*see* Boehm et al). 2005;14:6-10
Neumann L (*see* Jeon et al). 2005;14:400-6
Neumann L (*see* Vrettos et al). 2005;14:425-8
Newman WJ (*see* Debski et al). 2005;14:24S-31S
Neyton L (*see* Walch et al). 2005;14:238-46
Nicholas SJ (*see* Tyler et al). 2005;14:569-73
Nishida J (*see* Ishikawa et al). 2005;14:329-32 (Case rep.)
Noonan TJ (*see* Miller et al). 2005;14:492-6
Nové-Josserand L (*see* Walch et al). 2005;14:238-46
Nyffeler RW, Werner CML, Gerber C. Biomechanical relevance of glenoid component positioning in the reverse Delta III total shoulder prosthesis. 2005;14:524-8

O

Ochi M (*see* Mochizuki et al). 2005;14:616-19
O'Connor DP (*see* Gartsman et al). 2005;14:252-7
O'Driscoll SW. Optimizing stability in distal humeral fracture fixation. 2005;14:186S-194S
O'Driscoll SW (*see* Sanchez-Sotelo et al). 2005;14:60-4
O'Driscoll SW (*see* Sekiya et al). 2005;14:429-32
O'Driscoll SW (*see* Sperling et al). 2005;14:111-13
O'Driscoll SW (*see* van Riet et al). 2005;14:519-23
Ogawa K, Yoshida A, Inokuchi W, Naniwa T. Acromial spur: relationship to aging and morphologic changes in the rotator cuff. 2005;14:591-8
Ogura T (*see* Imatani et al). 2005;14:611-15
Ohnishi K (*see* Ohno et al). 2005;14:549-53 (Case rep.)
Ohno Y, Shimizu K, Ohnishi K. Surgically treated chronic unreduced medial dislocation of the elbow in a 70-year-old man: a case report. 2005;14:549-53 (Case rep.)
Ohzono K (*see* Kazuki et al). 2005;14:224-6 (Case rep.)
Oka RS (*see* Mahar et al). 2005;14:625-9
Okada K (*see* Ishikawa et al). 2005;14:329-32 (Case rep.)
Okada K (*see* Tuoheti et al). 2005;14:11-15
Okada K (*see* Tuoheti et al). 2005;14:535-41
O'Keefe RJ (*see* Blaine et al). 2005;14:84S-89S
Olsen BS (*see* Jensen et al). 2005;14:78-84
Olsen BS (*see* Ovesen et al). 2005;14:414-20
O'Malley KJ (*see* Cook et al). 2005;14:90S-94S
O'Malley KJ (*see* Roddey et al). 2005;14:95S-98S
Ono W (*see* Hamada et al). 2005;14:653-6 (Case rep.)
Ossada A (*see* Checchia et al). 2005;14:138-44
Otis JC (*see* Kelly et al). 2005;14:165-71
Ovesen J, Olsen BS, Johannsen HV, Søjbjerg JO. Capitellocondylar total elbow replacement in late-stage rheumatoid arthritis. 2005;14:414-20
Owen JR (*see* Hull et al). 2005;14:441-6

P

Pace AM, Stuart R, Brownlow H. Outcome of glenoid neck fractures. 2005;14:585-90
Panossian VR, Mihata T, Tibone JE, Fitzpatrick MJ, McGarry MH, Lee TQ. Biomechanical analysis of isolated type II SLAP lesions and repair. 2005;14:529-34
Parsons IM IV, Campbell B, Titelman RM, Smith KL, Matsen FA III. Characterizing the effect of diagnosis on presenting deficits and outcomes after total shoulder arthroplasty. 2005;14:575-84
Parsons IM IV (*see* Buckingham et al). 2005;14:368-74
Pearce C, Ricketts D, Wall S, Sexton S. Open repair of massive rotator cuff tears in patients aged sixty-five years or over: is it worthwhile? 2005;14:657 (Letter)
Pearl ML. Proximal humeral anatomy in shoulder arthroplasty: implications for prosthetic design and surgical technique. 2005;14:99S-104S
Pedowitz RA (*see* Mahar et al). 2005;14:626-30
Perry SM, McIlhenny SE, Hoffman MC, Soslowsky LJ. Inflammatory and angiogenic mRNA levels are altered in a supraspinatus tendon overuse animal model. 2005;14:79S-83S
Petersen SA (*see* Meehan and Petersen). 2005;14:31-7
Peterson RK (*see* Plancher et al). 2005;14:620-5
Pietrobon R (*see* Jain et al). 2005;14:361-7
Pietrobon R (*see* Jain et al). 2005;14:407-13

Plancher KD, Johnston JC, Peterson RK, Hawkins RJ. The dimensions of the rotator interval. 2005;14:620-5
Plasschaert F (*see* De Wilde and Plasschaert). 2005;14:644-8 (Case rep.)
Popovic N, Djekic J, Lemaire R, Gillet P. A comparative study between proximal radial morphology and the floating radial head prosthesis. 2005;14:433-40
Pouliart N, Gagey OJ. The arthroscopic view of the glenohumeral ligaments compared with anatomy: fold or fact? 2005;14:324-8
Powell KA (*see* Kwon et al). 2005;14:85-90
Pradhan RL (*see* Tuoheti et al). 2005;14:535-41
Purdy S (*see* Cloke et al). 2005;14:380-4

R

Ramappa AJ (*see* Yian et al). 2005;14:128-33
Ray J (*see* Mell et al). 2005;14:58S-64S
Razmjou H (*see* Holtby and Razmjou). 2005;14:506-10
Rhee YG, Lee DH, Lim CT. Posterior capsulolabral reconstruction in posterior shoulder instability: deltoid saving. 2005;14:355-60
Ricketts D (*see* Hamada et al). 2005;14:657 (Letter)
Roberts P (*see* Mohanty et al). 2005;14:216-17 (Case rep.)
Roddey TS, Cook KF, O'Malley KJ, Gartsman GM. The relationship among strength and mobility measures and self-report outcome scores in persons after rotator cuff repair surgery: impairment measures are not enough. 2005;14:95S-98S
Roddey TS (*see* Cook et al). 2005;14:90S-94S
Roidis N (*see* Itamura et al). 2005;14:421-4
Rokito AS (*see* Youm et al). 2005;14:455-9
Rokkaku T (*see* Sano et al). 2005;14:307-11
Romeo AA (*see* Katolik et al). 2005;14:279-85
Rongières+ M (*see* Mansat et al). 2005;14:114-20
Rose HA (*see* Kwon et al). 2005;14:1-5
Roush TF (*see* Coonrad et al). 2005;14:312-17
Rousselin B (*see* Bauer et al). 2005;14:557-8 (Case rep.)
Rowland CM (*see* Shrader et al). 2005;14:497-505
Rühmann O, Kirsch L, Büch S, Kirschner S, Bohnsach M, Wirth CJ. Primary stability of shoulder arthrodesis using cannulated cancellous screws. 2005;14:51-9
Rühmann O, Schmolke S, Bohnsack M, Flamme C, Wirth CJ. Shoulder arthrodesis: indications, technique, results, and complications. 2005;14:38-50

S

Safran MR, Baillargeon D. Soft-tissue stabilizers of the elbow. 2005;14:179S-185S
Saitoh S (*see* Hata et al). 2005;14:631-5
Saito S (*see* Sano et al). 2005;14:307-11
Sakai T (*see* Ito et al). 2005;14:247-51
Sakurai A (*see* Nakatani et al). 2005;14:340-2 (Case rep.)
Sallay PI, Hunker PJ, Brown L. Measurement of baseline shoulder function in subjects receiving workers' compensation versus noncompensated subjects. 2005;14:286-97
Sallay PI (*see* Misamore et al). 2005;14:466-70
Sanchez-Sotelo J, O'Driscoll SW, Morrey BF. Medial oblique compression fracture of the coronoid process of the ulna. 2005;14:60-4
Sanchez-Sotelo J (*see* Shrader et al). 2005;14:497-505
Sano S, Rokkaku T, Saito S, Tokunaga S, Abe Y, Moriya H. Herbert screw fixation of capitellar fractures. 2005;14:307-11
Saotome K (*see* Hamada et al). 2005;14:653-6 (Case rep.)
Sawamura S (*see* Nakatani et al). 2005;14:340-2 (Case rep.)
Schemitsch EH (*see* McKee et al). 2005;14:302-6
Schleck CD (*see* Sperling et al). 2005;14:599-601
Schmolke S (*see* Rühmann et al). 2005;14:38-50
Schneider DJ, Tibone JE, McGarry MH, Grossman MG, Veneziani S, Lee TQ. Biomechanical evaluation after five and ten millimeter anterior glenohumeral capsulorrhaphy using a novel shoulder model of increased laxity. 2005;14:318-23
Sekiya H, Neale PG, O'Driscoll SW, An KN, Morrey BF. An in vitro biomechanical study of a hinged external fixator applied to an unstable elbow. 2005;14:429-32
Sexton S (*see* Hamada et al). 2005;14:657 (Letter)
Sforza G, Levy O. Posttraumatic locked dislocation of congenital pseudarthrosis of the clavicle. 2005;14:336-7 (Case rep.)
Sforza G (*see* Thomas et al). 2005;14:186-92
Shean C (*see* Itamura et al). 2005;14:421-4
Shen H-C (*see* Lee et al). 2005;14:178-85
Shimada Y (*see* Ishikawa et al). 2005;14:329-32 (Case rep.)
Shimada Y (*see* Tuoheti et al). 2005;14:11-15
Shimada Y (*see* Tuoheti et al). 2005;14:535-41
Shimano AC (*see* Junior et al). 2005;14:96-102
Shimizu K (*see* Ohno et al). 2005;14:549-53 (Case rep.)
Shimmin A (*see* Watson et al). 2005;14:22-30
Shrader MW, Sanchez-Sotelo J, Sperling JW, Rowland CM, Cofield RH. Understanding proximal humeral fractures: image analysis, classification, and treatment. 2005;14:497-505
Shyr Y (*see* Kuhn et al). 2005;14:39S-48S
Silva LA (*see* Checchia et al). 2005;14:138-44
Sivacioglu S (*see* Demirhan et al). 2005;14:193-200
Skeete KD (*see* Bents and Skeete). 2005;14:565-9
Smith AM, Sperling JW, Cofield RH. Complications of operative fixation of proximal humeral fractures in patients with rheumatoid arthritis. 2005;14:559-64
Smith KL (*see* Buckingham et al). 2005;14:368-74
Smith KL (*see* Parsons et al). 2005;14:574-83
Sneppen O (*see* Jensen et al). 2005;14:78-84
Søjbjerg JO (*see* Jensen et al). 2005;14:78-84
Søjbjerg JO (*see* Ovesen et al). 2005;14:414-20
Solakoglu S (*see* Demirhan et al). 2005;14:193-200
Soslowsky LJ (*see* Kuhn et al). 2005;14:39S-48S
Soslowsky LJ (*see* Perry et al). 2005;14:79S-83S
Soslowsky LJ (*see* Yokota et al). 2005;14:72S-78S
Spencer EE Jr, Brems JJ. A simple technique for management of locked posterior shoulder dislocations: report of two cases. 2005;14:650-2 (Case rep.)
Spencer EE Jr (*see* Iannotti et al). 2005;14:111S-121S
Sperling JW, Cofield RH. Humeral windows in revision shoulder arthroplasty. 2005;14:258-63
Sperling JW, Duncan SFM, Cofield RH, Schleck CD, Harmsen WS. Incidence and risk factors for blood

transfusion in shoulder arthroplasty. 2005;14:599-601
Sperling JW, Duncan SFM, Torchia ME, O'Driscoll SW, Cofield RH. Bankart repair in patients aged fifty years or greater: results of arthroscopic and open repairs. 2005;14:111-13
Sperling JW (*see* Farrell et al). 2005;14:480-4
Sperling JW (*see* Shrader et al). 2005;14:497-505
Sperling JW (*see* Smith et al). 2005;14:559-64
Springfield DS (*see* Cleeman et al). 2005;14:460-5
Srivastava S (*see* McAdams et al). 2005;14:298-301
Stacpoole RA (*see* Johnson et al). 2005;14:195S-201S
Steen IN (*see* Cloke et al). 2005;14:380-4
Steinbeck J (*see* Marquardt et al). 2005;14:447-9 (Case rep.)
Steinmann SP (*see* Fuchs et al). 2005;14:264-8
Stinson MJ (*see* Agrawal and Stinson). 2005;14:107-9 (Case rep.)
Story I (*see* Watson et al). 2005;14:22-30
Strickland S (*see* Wolf et al). 2005;14:157-64
Stuart R (*see* Pace et al). 2005;14:585-90
Sugalski MT, Wiater JM, Levine WN, Bigliani LU. An anatomic study of the humeral insertion in the inferior glenohumeral capsule. 2005;14:91-5
Sugalski MT (*see* Ahmad et al). 2005;14:12S-18S
Sunbuloglu E (*see* Demirhan et al). 2005;14:193-200
Szabo I, Buscayret F, Edwards B, Nemoz C, Boileau P, Walch G. Radiographic comparison of flat-back and convex-back glenoid components in total shoulder arthroplasty. 2005;14:636-42
Szabo I (*see* Walch et al). 2005;14:238-46

T

Takahashi S (*see* Ishikawa et al). 2005;14:329-32 (Case rep.)
Takahashi S (*see* Tuoheti et al). 2005;14:535-41
Takaoka K (*see* Ito et al). 2005;14:247-51
Takaoka K (*see* Tomo et al). 2005;14:103-6 (Case rep.)
Takubo Y, Horii M, Kurokawa M, Mikami Y, Tokunaga D, Kubo T. Magnetic resonance imaging evaluation of the inferior glenohumeral ligament: non-arthrographic imaging in abduction and external rotation. 2005;14:511-15
Tamai K (*see* Hamada et al). 2005;14:653-6 (Case rep.)
Taranta M (*see* Cheung et al). 2005;14:516-18
Thomas M (*see* Thomas et al). 2005;14:485-91
Thomas SR, Sforza G, Levy O, Copeland SA. Geometrical analysis of Copeland surface replacement arthroplasty in relation to normal anatomy. 2005;14:186-92
Thomas SR, Wilson AJ, Chambler A, Harding I, Thomas M. Outcome of Copeland surface replacement shoulder arthroplasty. 2005;14:485-91
Thornhill TS (*see* Deshmukh et al). 2005;14:471-9
Tibone JE (*see* Fitzpatrick et al). 2005;14:49S-57S
Tibone JE (*see* Mihata et al). 2005;14:19S-23S
Tibone JE (*see* Panossian et al). 2005;14:529-34
Tibone JE (*see* Schneider et al). 2005;14:318-23
Titelman RM (*see* Buckingham et al). 2005;14:368-74
Titelman RM (*see* Parsons et al). 2005;14:575-84
Tokunaga D (*see* Takubo et al). 2005;14:511-15
Tokunaga S (*see* Sano et al). 2005;14:307-11
Tomioka M (*see* Nakatani et al). 2005;14:340-2 (Case rep.)
Tomo H, Ito Y, Aono M, Takaoka K. Chest wall deformity associated with osteochondroma of the scapula: a case report and review of the literature. 2005;14:103-6 (Case rep.)
Tomo H (*see* Ito et al). 2005;14:247-51
Torchia ME (*see* Sperling et al). 2005;14:111-13
Tsudida CY (*see* Checchia et al). 2005;14:138-44
Tucker BS (*see* Mahar et al). 2005;14:626-30
Tung G (*see* Bradley et al). 2005;14:233-7
Tuoheti Y, Itoi E, Minagawa H, Wakabayashi I, Kobayashi M, Okada K, Shimada Y. Quantitative assessment of thinning of the subscapularis in recurrent anterior dislocation of the shoulder by use of magnetic resonance imaging. 2005;14:11-15
Tuoheti Y, Itoi E, Pradhan RL, Wakabayashi I, Takahashi S, Minagawa H, Kobayashi M, Okada K, Shimada Y. Apoptosis in the supraspinatus tendon with stage II subacromial impingement. 2005;14:535-41
Tyler TF, Nahow RC, Nicholas SJ, McHugh MP. Quantifying shoulder rotation weakness in patients with shoulder impingement. 2005;14:570-4
Tyrdal S (*see* Jensen et al). 2005;14:78-84

U

Ugwonali OFC (*see* Wang et al). 2005;14:129S-140S
Upasani VV (*see* Mahar et al). 2005;14:626-30
Uysal M (*see* Demirhan et al). 2005;14:193-200

V

Vaishnav S (*see* Itamura et al). 2005;14:421-4
van der Zwan AL, Willems WJ. Gonococcal osteomyelitis of the humeral head: a case report. 2005;14:333-5 (Case rep.)
van Riet RP, Morrey BF, O'Driscoll SW. Use of osteochondral bone graft in coronoid process fractures. 2005;14:519-23
Vasey M (*see* Harman et al). 2005;14:162S-167S
Veneziani S (*see* Schneider et al). 2005;14:318-23
Verduyckt J (*see* Degreef et al). 2005;14:643-4 (Case rep.)
Verma NN (*see* Katolik et al). 2005;14:279-85
Voloshin I (*see* Blaine et al). 2005;14:84S-89S
Vrettos BC, Neumann L, MacKie A, Damrel D, Wallace WA. One-stage arthroplasty of the ipsilateral shoulder and elbow. 2005;14:425-8
Vuillemin A (*see* Bauer et al). 2005;14:557-8 (Case rep.)

W

Wada T (*see* Aoki et al). 2005;14:172-7
Waddell JP (*see* McKee et al). 2005;14:302-6
Wakabayashi I (*see* Tuoheti et al). 2005;14:11-15
Wakabayashi I (*see* Tuoheti et al). 2005;14:535-41
Walch G, Edwards TB, Boulahia A, Nové-Josserand L, Neyton L, Szabo I. Arthroscopic tenotomy of the long head of the biceps in the treatment of rotator cuff tears: clinical and radiographic results of 307 cases. 2005;14:238-46
Walch G (*see* Szabo et al). 2005;14:636-42
Wall S (*see* Hamada et al). 2005;14:657 (Letter)
Wallace WA (*see* Boehm et al). 2005;14:6-10

Wallace WA (*see* Jeon et al). 2005;14:400-6
Wallace WA (*see* Vrettos et al). 2005;14:425-8
Wang A (*see* Ledger et al). 2005;14:349-54
Wang VM, Flatow EL. Pathomechanics of acquired shoulder instability: a basic science perspective. 2005; 14:2S-11S
Wang VM, Krishnan R, Ugwonali OFC, Flatow EL, Bigliani LU, Ateshian GA. Biomechanical evaluation of a novel glenoid design in total shoulder arthroplasty. 2005;14:129S-140S
Wang VM (*see* Ahmad et al). 2005;14:12S-18S
Warner JJP (*see* Kim et al). 2005;14:221-3 (Case rep.)
Warnock KM (*see* Gartsman et al). 2005;14:252-7
Warren RF (*see* Kelly et al). 2005;14:165-71
Warren RF (*see* Wolf et al). 2005;14:157-64
Watanabe K, Iwabu S, Hosoya T. Traumatic isolated anterior dislocation of the radial head in an adult: a case report. 2005;14:554-6 (Case rep.)
Watkinson DJ (*see* Boileau et al). 2005;14:147S-161S
Watson H (*see* Cloke et al). 2005;14:380-4
Watson L, Story I, Dalziel R, Hoy G, Shimmin A, Woods D. A new clinical outcome measure of glenohumeral joint instability; the MISS questionnaire. 2005;14: 22-30
Wayne JS (*see* Hull et al). 2005;14:441-6
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Arthroscopic tenotomy of the long head of the biceps in the treatment of rotator cuff tears: clinical and radiographic results of 307 cases (Walch et al). 2005;14:238-46

Throwing
Acute subscapularis tendon rupture caused by throwing: a case report (Yoshikawa et al). 2005;14:218-20 (Case rep.)
Changes of the mineralization pattern in the subchondral plate of the glenoid cavity in the shoulder joints of the throwing athletes (Mochizuki et al). 2005;14:616-19
Development of cadaveric models of a thrower's shoulder (Fitzpatrick et al). 2005;14:49S–57S
External rotation of the glenohumeral joint: ligament restraints and muscle effects in the neutral and abducted positions (Kuhn et al). 2005;14:39S–48S

Tomography, computed
Use of three-dimensional computed tomography of the analysis of the glenoid anatomy (Kwon et al). 2005;14:85-90

Trochlea humeri
Isolated fracture of the trochlea: a case report (Nakatani et al). 2005;14:340-2 (Case rep.)

U

Ulna fractures
Medial oblique compression fracture of the coronoid process of the ulna (Sanchez-Sotelo et al). 2005;14:60-4

W

Western Ontario Rotator Cuff Index
Measurement properties of the Western Ontario rotator cuff outcome measure: a preliminary report (Holtby and Razmjou). 2005;14:506-10

Workers' compensation
Measurement of baseline shoulder function in subjects receiving workers' compensation versus noncompensated subjects (Sallay et al). 2005;14:286-97